(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization International Bureau





(43) International Publication Date 11 December 2003 (11.12.2003)

PCT

(10) International Publication Number WO 03/101398 A2

(51) International Patent Classification7:

A61K (

- (21) International Application Number: PCT/US03/17506
- (22) International Filing Date: 2 June 2003 (02.06.2003)
- (25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data: 60/384,599

31 May 2002 (31.05.2002) US

- (71) Applicant (for all designated States except US): UNIVER-SITY OF UTAH RESEARCH FOUNDATION [US/US]; 615 Arapeen Drive, Suite 110, Salt Lake City, UT 84108 (US).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): BOCK, Susan, C. [US/US]; 2027 E. 900 South, Salt Lake City, UT 84108 (US). HOBDEN, Adrian, N. [US/US]; 177 East Ensign Vista Drive, Salt Lake City, UT 84103 (US).
- (74) Agents: HUIZENGA, David, E. et al.; Needle & Rosenberg, P.C., The Candler Building, 127 Peachtree Street, Atlanta, GA 30303-1811 (US).

- (81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

 without international search report and to be republished upon receipt of that report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: VARIANTS OF ANTITHROMBIN III

(57) Abstract: Disclosed are compositions and methods related to variant antithrombin III molecules.